



COLORADO

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August 1993



Pikes Peak Radio Amateur Association, Inc. P. O. Box 16521 Colorado Springs, Colorado 80935

FIRST CLASS MAIL





BEAT P.P.R.A.A. OFFICERS AND DIRECTORS



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ZERO BEAT is published monthly in the interest of the members or the Pikes Peak Radio Amateur Association, Inc., PO 6ox 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets monthly on the second Wednesday of each month at the Disabled American Veterans, Chapter 26, 6680 Palmer Park Blvd. at 7PM.

EDITOR: Ron Deutsch, NK/2P, 4305 Ridgelene Drive, Colorado Springs, Colorado 80918 (719)593-6352

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the Editor or to the club PO box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

ADVERTISING RATES: Full page \$46; half page \$24; quarter page \$12; business card \$6. These are monthly rates and are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 60935.

PPRAA Annual Picnic

Be sure to reserve Sunday August 15th for our annual picnic which will be held again this year at the USAF Academy picnic area #3 from 12 noon to 5pm.

 Don't forget to bring you favorite covered dish or whatever to share. Also a utensil to serve it with. The following is for your guidance:

Hamburgers, hot-dogs, buns, coffee and drinks provided by the PPRAA.

A through M-salad, chips, veggies, baked beans, etc. N through Z- fruit, pie, cake, cookies, candy, etc.

- Bring lawn chairs so that you don't have to sit around the picnic tables and get fat. (A few of us noble types will take on that task for you.)
- 3. In order to get a fairly accurate count of the number attending we will have a sign up sheet but only one person in each family or group need sign up. Indicate in brackets following your name how many others there are in your party.
- We will need a few volunteers to help clean up. Please volunteer. You will be handsomely rewarded with surplus pie, cake, cookies, etc.
- 5. Talk-in will be on 146.520
- If you plan to bring any material to swap please check "five-two" as you approach the picnic grounds because we are going to try to get all you folks together in one parking area.

VE Testing

Rick Brown - KDØSU

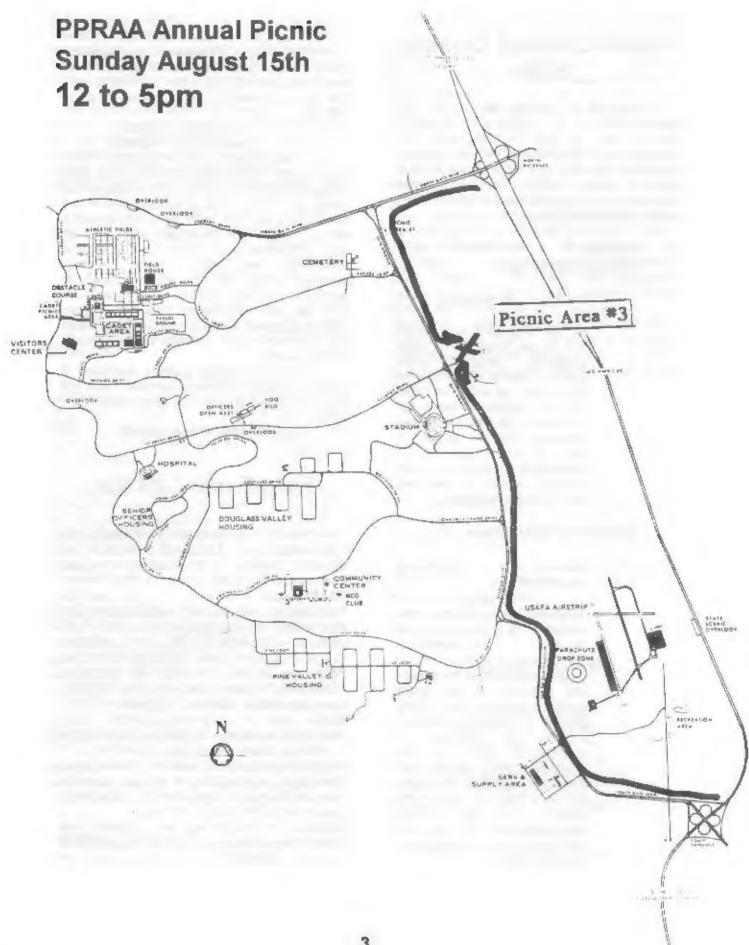
VE Testing is sponsored by the PPRAA on the 2nd Saturday of February, April, June, August, October and December. Testing takes place at 9:00 AM at:

Denver Technical College (DTC) 225 South Union Colorado Springs

While we prefer pre registration, walk-ins are accepted on a space available basis. As a reminder to anyone wishing to take an examination you should bring the follow items.

- \$5.60 (preferably a check made out to ARRL/VEC) for all exams above Novice.
 - 2. Picture identification
- A copy of your current amateur license as well as the signed original, or a copy of any examination credit you have.
- Pen, pencils, and a calculator if you need one.

To pre register, or if you have any questions, please call me at 531-9423. Please do not call DTC, they only provide us the place, and do not have any of the information about testing.



Annual Elections Coming Soon

We will be electing new officers and board members at the October meeting so it is not too soon to start thinking about this important event. Any licensed ham who is a full member of the club is eligible to run for any office or board position. There is no aga limitation and any license class qualifies. The by-laws read as follows:

Article II Membership and Member Meetings:

Section 1. Membership

A. Full Members. Any person who is the holder of a valid, renewable amateur radio operator license issued by the appropriate government entity shall be eligible to be a full member of the association. Full members shall be entitled to vote on all matters at all meetings of the association and shall be entitled to hold any office in the association.

Article VII Committees:

Section 2. Nominating committee

The nominating committee shall consist of the officers and board of directors. The committee shall nominate a list of eligible members as needed for officers and directors at the board meeting occurring the month prior to the annual association meeting. In addition nominations made committee, the President shall receive nominations of eligible members from the floor at the meeting. nominations shall be made and seconded by voting members in good standing:

This year the board decided to receive nominations from a committee of members who are not board members. I volunteered to head that committee and select two other members. The following members have agreed to serve with me:

Faye Herren KBØQI
Oak Stockton KØROL

The three of us will be meeting to select some of you for the chance to serve your club. (Obviously you will have to agree to serve.) But please don't wait for us to discover you. If you would like to run for a position or know someone who you would like to suggest, please let us know. Contact any one of the three of us. Our committee will be merely making recommendations to the board. They, in accordance with the by-laws, will maintain the final say. And nominations from the floor on election night will still be honored but it is hoped that such last minute additions will be reduced by this process.

We are seeking qualified members, if you are asked to run please say yes. There will be more information in the September Zero Beat.

Submitted by Al Craig, N2IWZ

Ham Radio Classes

The Pikes Peak Radio Amateur Association will hold Novice and Technician classes for all interested persons at the Disabled American Veteran's, Chapter 26, located at 6880 Palmer Park Blvd.

The Classes will be held each Monday and Wednesday evening beginning at 8:00 P.M. starting on September 13th. The combined Novice/Technician course will be given over an eight week period. The couse will include an Introduction to Morse Code and the textbook theory required to obtain a FCC Amateur Radio Novice and Technician license. Each participant should plan to attend all 16 sessions in order to obtain a thorough understanding of the material required to pass the licensing test. The course is given free of charge; however, there will be a slight charge for the instructional manual which the student will keep.

Additional information may be obtained from either Allen Bailey at 597-8514 or Frank McNally at 596-8733.

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August 1993 PIKES PEAK RADIO AMATEUR ASSOCIATION

SUNDAY.	2	3	4	THURSDAY 5	8	7
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September 1993 PIKES PEAK RADIO AMATEUR ASSOCIATION

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			7:30pm CMRG Info Not 147, 345 8:00pm SCTN 146. 97	2 7:00pm Tellor Co. ARES Net 146.82 8:00pm SCTN 145. 97	3 8:00pm SCTN 146. 97	7:00am Village Inn Breakfast 8:00pm SCTN 14
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12 8:00am COLORADO ARES NETS 3928.0 9:00am Breakfast at DAV 7:30pm RACES HF NET 3990.5 8:00pm SCTN 145.97	13 8:00pm SCTN 146. 97	7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146. 97	7:00pm MARC Meeting Woodland Park 7:30pm CMRG Info Net 147, 345 8:00pm SCTN 146, 97	16 7:00pm Teller Co. ARES Net 146.82 8:00pm SCTN 146. 97	17 8:00pm SCTN 146, 97	7:00am Village Inn Breakfast 8:00pm SCTN 14
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26 8:00am COLORADO ARES NETS 3928.0 7:30pm RACES MF NET 3990.5 8:00pm SCTN 146.97	27 0-BEAT DEADLINE 8:00pm SCTN 146. 97	7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.	29 7:30pm CMRG Info Net 147. 345 8:00pm SCTN 146. 97	30 7:00pm Teller Co. ARES Net 146,82 8:00pm SCTN 146, 97		

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COLORADO 14ER RADIO EVENT ANNOUNCEMENT

The 1993 Colorado 14er Radio Event will be held Sunday, August 29th.

During the event, a group of amateur radio operators will operate portable from the summits of various Colorado 14000 foot mountains. The operating times will be generally from 9 AM to 12 Noon local time.

During last year's 14er Event, over 20 summits were on the air and between 150 and 200 different stations were heard that day.

Radio amateurs are encouraged to work as many of the mountain top stations as possible. However, this is NOT A CONTEST, no points are awarded, no scores recorded. A special event QSL card can be obtained by QSLing to the mountain top station's home QTH (please include a self-addressed Stamped Envelope). To reduce QRM, PLEASE DO NOT USE HIGH POWER (more than 30 Watts) and DO NOT CALL FOR 14er STATIONS UNLESS YOU HEAR THEM.

Radio operators with high altitude hiking experience who wish to participate should contact:

Bob, KBØCY

at (719) 488-0859 or 18070 Sunburst Drive, Monument CO 80132.

To avoid having multiple stations on the same peak, radio amateurs that want to participate must coordinate with KBØCY.

Frequencies used during the event:

146.43 MHz Longs Peak

146.46 San Juan Range (Handies, Redcloud, ...)

146.49 Bierstadt, Grays and Torreys

146.55 Pikes Peak (Coordinating Frequency)

146.58 Mt. Evans

147.42 Sangre de Cristo Range (Humboldt, ...)

147.45 Misquito Range (Quandary, Lincoln, ...)

147,48 Elk Renge and North Sawatch Range (Massive, Elbert, Castle, ...)

147.51 Pikes Peak (QSOs) 147.54 South Sawatch Range (Collegiates, ...)

147.57 Reserved for Mountain top Stations Only

223.5 Primary 222 MHz frequency

448.025 Primary 70 cm frequency 448.025 Alternate 70 cm frequency 446.050 Alternate 70 cm frequency

Other bands/modes: standard calling frequencies.

4ID?

I would like to comment on the use of a phrase that seems to be creeping into usage on our nets. That phrase is '4 i d'. With one exception, I consider '4 i d' to be superfluous and time wasting. I will talk about that one exception in a moment. Consider this: why do we give our call sign, whether on a net or in casual conversation? It's to identify our Amateur station! Therefore, '4 i d' is redundant and a waste of time. The amount of time it takes to say your call sign is determined by the number of characters in your call sign. The call signs in use now will be either 4,5 or 6 characters in length, '4 i d' has three. The time taken to identify will be increased by 75, 60 or 50 percent, depending on the length of your call sign. This may not seem much, but it all adds up, especially during operation in a busy net. I recommend that we drop the usage of '4 i d' and simply say our call sign, after giving our report during a net.

Now to the one time I consider it appropriate. If one insists on identifying exactly ten minutes after transmitting without identifying, and pops in with his call sign, without having anything else to report, then he should probably add '4 i d'. Otherwise the NCS will think he has something and waste more time by acknowledging, with the station coming back and saying something to the effect of 'oh, I was just identifying. However, I don't think it is necessary to time yourself and pop in at 10 minute intervals with an identification. During a busy net, I don't think anything is going to be said about a station identifying after 12, 15 or even 20 minutes,

even though the FCC rules state that you identify every 10 minutes. The main concern is with stations in a net not identifying for HOURS. Of course, if you are in a net and just listening and not transmitting, you do not need to identify.

To summarize, when operating in a net, if you are giving regular reports, estimate when 10 minutes have elapsed and say your call sign after giving your report. If you are not giving regular reports, it is probably better to say your call sign at the end of each transmission. It does not take much time.

Mike Stansberry, KØTER, District 14 EC

П

Awards -- Awards

Congratulations to Dick, KFØSS, for completing his first Worked All States award. Dick was originally licensed as a Novice in 1955. At that time a Novice license was only good for one year and you had to upgrade or you were out. Dick let his license expire then, but became a Novice again in 1991. Since then he has been working hard on upgrading his license and more slowly on earning the Worked All States award sponsored by the ARRL. Dick's next goals are earning his Amateur Extra Class license and possibly his Five Band Worked All States award.

For those who are interested in earning their own WAS certificate, you can get a copy of the rules from the ARRL or from me. Thanks to the PPRAA I have been appointed an HF Awards Manager by the ARRL. This allows me to certify applications for some of the awards they sponsor. When you have made all of the contacts and collected the QSL cards needed to qualify for an award, I can verify those cards. When I verify you have completed all of the required contacts, I sign the award application and you send it forward to the ARRL. This saves you the cost of postage for mailing the cards, and also the chance of losing the cards in the mail.

The PPRAA is an ARRL Special Service Club. This is one of the services the PPRAA provides

to its members and the local amateur community. In addition to being an HF Awards Manager, i am also a VHF/UHF Awards Manager for awards such as the VHF/UHF Century Club. Ron, NKØP, is also a VHF/UHF Awards Manager. I am not a manager for DXCC awards. Those awards are run under a separate program.

I found that working on awards such as Worked All States made my operating more fun and gave me incentive to upgrade. More frequencies make it easier to find the states you need! I got a lot of good <u>CW</u> practice while I was listening for and working new states. Once you have upgraded, a great way to help out other hams is to get on the air in the Novice bands. There you can help them work new states, and also help them become more familiar with correct operating procedure.

Work new states, earn awards, help out other hams, or teach correct operating procedures. Whatever your reason, get on the air and have some fun. That is what amateur radio is all about.

Club Project

The Junior Auxiliary of the DAV are collecting empty aluminum beverage cans. The cans are turned in for recycling and the money is used to finance their projects.

If you would like to help them out bring your cans to the regular PPRAA club meeting. This will be an ongoing project.

Social Event

Breakfast at the DAV, 6880 Palmer Park Blvd. Sunday September 11th Serving time 0900 to 1230 All you can eat...cost \$4 for adults and \$2 for children.

We thought the would be a fun thing for our club to do.

Any questions call WAØMNL, Rosie 471-9965.

General Meeting, July 14, 1993

Correction to last month's minutes: We agreed to give the donut money to the raffle fund.

Treasurer report: Previous Balance - 1548.56

Income - 223.81 Expenses - 418.09 New Balance - 1354.28

Publicity - A submittal was made to the GT re: the PPRAA functions and membership

Education - Classes are to start on Sept 13. They will be on Mondays and Wednesdays for eight weeks.

VE - The next test will be on August 14. Harns with a General Class license can now be VE's if accredited by ARRL.

Interference - No report

RACES - Net times were reviewed. New rosters are available.

ARES - Net times were reviewed. Registration forms are available.

Club Trailer - It is possible that a new storage site has been found for the trailer. We will know in a few weeks.

Skywam - Next year, more formal classes will be held. They will be 15-18 hours long and will result in certification. This is partially the result of the planned closure of the Colorado Springs Weather Service. When this happens, the city will need more support during severe weather.

CCARC - No report

ATV - The repeater is to be located on Cheyenne Mountain.

@ Beat - The calendar was reviewed.

Rod Reisinberger of the Red Cross discussed the need for Ham Radio volunteers.

Field Day - The President thanked all participants.

The annual picnic will be held on August 15, from 12 noon to 5pm at picnic are #3 on the Air Force Academy. The club will supply hot dogs and hamburgers. Members whose names begin A-M should bring salads, chips vegetables or baked beans. Members whose names begin N-Z should bring desserts. There will be a swapfest and a Board meeting at the picnic.

The Club voted to pass an amendment to the by-laws requiring the printing of the Club roster twice yearly.

Marshal Johnson and Dave Viland from Colorado Springs Utilities present a program on electrical safety.

Submitted by Liz, NØTUK, PPRAA Secretary.

Board Meeting, July 19, 1993

The meeting was called to order at 7pm at the home of Al NØCMW. The following members were present: Luci, NØOUD, Rosie, WAØMNL, Russ KBØFNM, Steve, WB7VHR, Steve, KØCI, Al, N2IWZ, Ron, NKØP and Liz NØTUK.

It was reported that there is nothing new regarding the city ordinance re-zoning.

The Board authorized \$200.00 for the picnic.

Steve, WB7VHR reported that Mike Silva, the helicopter pilot for a Denver news station and a licensed Ham will do a program for the General Meeting on Oct. 13.

The August program will be a talk on the 911 system.

Advertising and membership fees were discussed.

The Library Program will be held at the East Library on Oct 16.

The Board discussed a permanent display at the Children's Museum.

Ham classes and locations were discussed.

The DAV now has a new Commander.

There will be a breakfast at the DAV for all Club members on Sept. 12.

The DAV is collecting aluminum cans as a means to raise funds.

The paper sacks on the tables at the DAV are there to protect the table. We will need to remind members not to remove them.

Each month a list of new amateurs is published. The Club will make an effort to contact them by telephone or by mail.

Mike Stansberry, KØTER, was nominated for Amateur of the Year.

Al, NØCMW will be out of town from Aug. 1 - 15.

Russ, KBØFNM will fill in for Al at the Aug 15 Board Meeting if necessary.

The Board discussed appropriating money for Skywam, ARES and RACES.

At, N2IWZ will chair the nominating committee for the October elections.

The meeting was adjourned at 9:10 pm.

Submitted by Liz, NØTUK, PPRAA Secretary

FIELD

AY 1993







Committee Chairpersons

Publicity	Al Craig	594-9288
Membership	Les Borst	634-3995
Education	Al Bailey	597-8514
VE Testing	Rick Brown	531-9423
Interference	Bill Petty	591-2116
RACES	Doug Moloney	unlisted
ARES	John Chapman	635-1604
SkyWarn	Steve Westby	570-1070
Public Service	Mike Stansberry	636-1290
CCARC	Oak Stockton	570-7782
Club Trailor	Steve Westby	570-1070
Newsletter	Ron Deutsch	593-8352
Club Historian	Al Craig	594-9288



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Address			
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Additional Names	Call		Class
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